

WETLANDS AND DEEPWATER HABITATS CLASSIFICATION

*(Classification of Wetlands and Deepwater Habitats of the United States
Cowardin et al. 1979, as modified for the National Wetlands Inventory)*

NOTE: This table does not represent the entire Cowardin Classification System.
Contact NWI Regional Coordinator for complete, or more detailed,
classification system information.

SYSTEM	R-RIVERINE (rivers, streams, arroyos, etc...)
SUBSYSTEM	2-LOWER PERENNIAL (low gradient) 3-UPPER PERENNIAL (high gradient) 4-INTERMITTENT (flows part of year)
CLASS	RB-Rock Bottom UB-Unconsolidated Bottom AB-Aquatic Bed SB-Streambed RS-Rocky Shore US-Unconsolidated Shore
SYSTEM	P-PALUSTRINE (marshes, swamps, bogs, bottomlands, wet prairies, etc...)
SUBSYSTEM	(None)
CLASS	RB-Rock Bottom UB-Unconsolidated Bottom US-Unconsolidated Shore AB-Aquatic Bed
SUBCLASS	1 Algal 2 Aquatic Moss 3 Rooted Vascular 4 Floating Vascular EM-Emergent 1 Persistent 2 Non-persistent SS-Scrub/Shrub 1 Broad-leaved Deciduous (ex. willow, cottonwood) 2 Needle-leaved Deciduous (ex. salt cedar) 3 Broad-leaved Evergreen 4 Needle-leaved Evergreen 5 Dead 6 <i>Deciduous</i> 7 <i>Evergreen</i> FO-Forested (Subclasses same as Scrub/Shrub)

SYSTEM	L -LACUSTRINE (lakes, usually greater than 20 acres)
SUBSYSTEM	1 -LIMNETIC (greater than 2m deep)
CLASS	RB -Rock Bottom UB -Unconsolidated Bottom AB -Aquatic Bed
SUBCLASS	(Same as AB above) 2 -LITTORAL (less than 2m deep) RB -Rock Bottom UB -Unconsolidated Bottom RS -Rocky Shore US -Unconsolidated Shore AB -Aquatic Bed EM -Emergent 2 Non-persistent

MODIFIERS

WATER REGIME	NON-TIDAL A Temporarily Flooded B Saturated C Seasonally Flooded F Semi-permanently Flooded H Permanently Flooded J Intermittently Flooded K Artificially Flooded
SPECIAL MODIFIERS	b Beaver d Partially drained/Ditched f Farmed h Diked/Impounded x Excavated

EXAMPLE LABELS

L1UBHh

L 1 UB H h

System	Subsystem	Class	Water Regime	Special Modifier
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PFO1A

P FO 1 A

System	Class	Subclass	Water Regime
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